

Title (en)

Power shift gearing with five-shaft orbital transmission

Title (de)

Lastschaltgetriebe mit 5-welligem Umlaufgetriebe

Title (fr)

Transmission de changement de vitesse sous charge avec transmission orbitale à cinq arbres

Publication

**EP 0716248 B1 19980211 (DE)**

Application

**EP 95117029 A 19951028**

Priority

DE 4443267 A 19941205

Abstract (en)

[origin: EP0716248A1] The first gear shaft (1), in the form of a webbed wheel gear, of the planetary gear system is connected to a drive (AT) by means of a reversing gear (WG) and a coupling (R,V). The second gear shaft (B), in the form of a sunwheel shaft of a first planetary stage, is joined to the drive by means of a hydrostatic adjustable mechanism (HG). The input side of the hydrostatic adjustable mechanism is connected by the reversing gear and the coupling to the drive. The adjustable unit (VE) of the hydrostatic adjustable mechanism is attached to a cog wheel gear (ZG) onto the first gear shaft.

IPC 1-7

**F16H 47/04**

IPC 8 full level

**F16H 47/04** (2006.01)

CPC (source: EP US)

**F16H 47/04** (2013.01 - EP US); **F16H 37/0813** (2013.01 - EP US); **F16H 2037/0886** (2013.01 - EP US); **F16H 2037/103** (2013.01 - EP US); **F16H 2037/108** (2013.01 - EP US)

Cited by

CN104067027A; EP0818643A3; EP2848841A1; US8251848B2; US11047460B2; WO2008015549A3; WO2019115147A1

Designated contracting state (EPC)

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